

Remarks

The Applicants have amended the Specification to correct idiomatic errors. Entry into the Official File is respectfully requested.

The Applicants have amended Claims 4, 5, 6, 7, 8, 11 and 12 to remove multiple dependencies. The Applicants respectfully submit that Claims 4 – 12 are now in proper form and request substantive examination thereof.

The Applicants note with appreciation the Examiner's helpful comments concerning "one surface of it" in Claim 1. Claim 1 has been amended to recite the Examiner's suggested language--one surface of the white film--.

Claim 1 has further been amended to recite that the white film comprises a resin selected from the group consisting of polyesters, polyamides, polyurethanes and polyphenylene sulfides. Support may be found throughout the Specification generally and in the first full paragraph of page 5. Entry into the Official File is respectfully requested.

The Applicants acknowledge the rejection of Claims 1 – 3 under 35 U.S.C. §102 as being anticipated by Ishii. The Applicants respectfully submit that Ishii is not applicable to any of the claims inasmuch as Claim 1 recites that the white film comprises a resin selected from the group consisting of polyesters, polyamides, polyurethanes and polyphenylene sulfides. Ishii fails to disclose, either implicitly or explicitly, those resins. In sharp contrast, Ishii discloses in Column 7, beginning at line 33, polyolefin resins including high-density polyethylenes, low-density polyethylenes, linear low-density polyethylenes, polypropylenes, polyethylene-propylene copolymers and poly-4-methylpentene resins. There is no disclosure of polyesters, polyamides, polyurethanes and/or polyphenylene sulfides. Withdrawal of the §102 rejection based on Ishii is respectfully

requested.

In light of the foregoing, we respectfully submit that the entire Application is now in condition for allowance, which is respectfully requested.

Respectfully submitted,

A handwritten signature in black ink, appearing to be 'T. Daniel Christenbury', written in a cursive style.

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In the Specification (Clean Copy)

On page 1, please replace the first paragraph with the following:

A₁ The present invention relates to improvements on white film for a reflecting structure for surface light source. More precisely, the invention relates to a structure of white film which is used in reflecting sheets and reflectors for edge light-type and direct back light-type, surface light sources for liquid crystal display screens, and of which the brightness decreases little when used for a long time.

On page 5, please replace the first full paragraph with the following:

A₂ The thermoplastic resin to form the film is not specifically defined so far as it forms films through melt extrusion. Preferred examples are polyesters, polyolefins, polyamides, polyurethanes, and polyphenylene sulfides. In the invention, especially preferred are polyesters as they have good dimensional stability and good mechanical properties and they do not substantially absorb visible light.

Please replace the paragraph spanning pages 8 and 9 with the following:

A₃ Now described hereinunder are resins not miscible with polyester resin, and the organic or inorganic particles to be added to the surface layer and the inner layer, which are to form voids in polyester films. The resin not miscible with polyester film (hereinafter referred to as immiscible resin) is a thermoplastic resin except polyester, and this can disperse in polyester, forming particles therein. Preferred examples of the resin of the type are polyolefin resins such as polyethylene, polypropylene, polybutene, polymethylpentene; as well as polystyrene resins, polyacrylate resins, polycarbonate resins, polyacrylonitrile resins, polyphenylene sulfide resins, and fluororesins. These may be homopolymers or copolymers, and two or more different types of these may be combined

for use herein. Especially preferred are resins that yield a great critical surface tension difference from polyester and hardly deform in heat treatment after stretching. For these, preferred are polyolefin resins, and more preferred is polymethylpentene. The content of the immiscible resin to be in the white film is not specifically defined, and may be suitably determined so that the film is not broken while formed and the brightness of the film can be increased by the voids formed from the nuclei of the immiscible resin in the film. In general, it falls preferably between 3 and 35% by weight, more preferably between 4 and 30% by weight, most preferably between 5 and 25% by weight. If the content is smaller than 3% by weight, the brightness of the film could not increase so much; but if larger than 35% by weight, the film may be broken while formed.

In the Claims (Clean Copy)

1. (Amended) A white film for a reflecting structure for surface light sources comprising a resin selected from the group consisting of polyesters, polyamides, poly-urethanes and polyphenylene sulfides and containing voids, and has a light stabilizer-containing coating film formed on at least one surface of the white film.

4. (Amended) The white film for a reflecting structure for surface light sources as claimed in claim 1, of which the mean reflectance is at least 85%, measured on the light stabilizer-containing coating layer thereof exposed to light having a wavelength of from 400 to 700 nm.

5. (Amended) The white film for a reflecting structure for surface light sources as claimed in claim 1, of which the degree of glossiness is at most 60%, measured on the light stabilizer-containing coating layer thereof.

A5 6. (Amended) The white film for a reflecting structure for surface light sources as claimed in claim 1, of which the white film is formed of a resin composition consisting essentially of polyester.

7. (Amended) The white film for a reflecting structure for surface light sources as claimed in claim 1, in which the voids are formed through melt extrusion of a mixture of a polyester resin, and a resin not miscible with the polyester resin and/or organic or inorganic fine particles, followed by stretching the sheet in at least one direction.

8. (Amended) The white film for a reflecting structure for surface light sources as claimed in claim 1, of which the while film is a composite film.

11. (Amended) The white film for a reflecting structure for surface light sources as claimed in claim 1, in which the coating layer additionally contains organic and/or inorganic fine particles.

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12. (Amended) The white film for a reflecting structure for surface light sources as claimed in claim 1, in which the coating layer and/or the white film additionally contains a fluorescent brightener.
